What is claimed is:

1	1.	A method for use in a wellbore, comprising:	
2		causing creation of tunnels in surrounding formation of a well interval;	
3		applying treatment fluid to the tunnels; and	
4		creating a local transient underbalance condition in the well interval after	
5	creation of the	he tunnels in the formation and application of the treatment fluids.	
1	2.	The method of claim 1, wherein creating the local transient underbalance	
2	condition causes a surge of fluid flow out of the tunnels to clean the tunnels.		
1	3.	The method of claim 1, wherein causing the creation of tunnels comprises	
2	firing a perfo	prating gun.	
1	4.	The method of claim 1, wherein applying the treatment fluid comprises	
2	applying a matrix treatment fluid.		
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1	5.	The method of claim 1, wherein applying the treatment fluid comprises	
2	applying at least one of acid, chelant, solvent, surfactant, brine, oil, and enzyme.		
1	6.	The method of claim 1, wherein creating the local transient underbalance	
2	condition comprises:		
3		providing a surge chamber; and	
4		opening at least one port to the surge chamber to create a fluid surge into	
5	the surge cha	umber.	
1	7.	The method of claim 1, wherein creation of the local transient	
2	underbalance causes performance of a surge operation to clean the tunnels, the method		
3	further comprising performing a fracture operation after the surge operation.		

8. 1 The method of claim 7, further comprising performing a gravel pack 2 operation after the fracture operation. 9. 1 The method of claim 1, wherein creating the local transient underbalance 2 causes performance of a surge operation to clean the tunnels, the method further 3 comprising performing a gravel pack operation. 1 1 10. The method of claim 1, wherein applying the treatment fluid comprises 2 activating an applicator tool to apply the treatment fluid. 1 11. The method of claim 10, wherein activating the applicator tool comprises 2 opening at least one port of the applicator tool. 12. 1 The method of claim 1, wherein applying the treatment fluid comprises 2 applying the treatment fluid in presence of an overbalance condition. 1 13. The method of claim 12, further comprising activating a perforating gun to 2 create the overbalance condition, the overbalance condition comprising a transient 3 overbalance condition. 1 14. The method of claim 13, wherein activating the perforating gun comprises 2 activating a tubing conveyed perforating gun. 1 15. The method of claim 13, wherein applying the treatment fluid comprises 2 applying an acid to flow into the tunnels due to the presence of the overbalance condition. 1 16. The method of claim 15, wherein applying the acid comprises flowing a 2 substantially equal amount of acid into each of the tunnels. The method of claim 1, wherein applying the treatment fluid comprises 1 17.

applying a brine to reduce surface tension within the tunnels.

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1	27.	The tool string of claim 22, wherein the surge device comprises.		
2		a low pressure chamber; and		
3		at least one port selectively openable to enable communication between		
4	the chamber a	the chamber and a wellbore region,		
5		the at least one port when opened creating a fluid surge into the chamber		
6	to provide the local transient underbalance condition.			
1	28.	The tool string of claim 27, wherein the port comprises a valve.		
1	29.	The tool string of claim 27, wherein the port comprises a fluid blocking		
2	element adapted to be broken by an explosive force.			
1	30.	The tool string of claim 29, further comprising an explosive element		
2	positioned proximal the fluid blocking element.			
1	31.	The tool string of claim 22, further comprising a plurality of sections, each		
2	section comprising an applicator device to apply a treatment fluid and a surge device.			
1	32.	The tool string of claim 31, wherein the plurality of sections are adapted to		
2	be activated at different times.			
1	33.	The tool string of claim 22, further comprising a plurality of sections, each		
2	section comprising a combination of one or more of the following: perforating gun,			
3	applicator de	evice to apply a treatment fluid, and a surge device.		
1	34.	The tool string of claim 22, further comprising an assembly adapted to		
2	perform a fracture operation after cleanup of the tunnels caused by flow of fluids from			
3	the tunnel in the presence of the local transient underbalance condition.			

1	35.	A method comprising:	
2		storing information relating to surge characteristics for different types of	
3	wellbores;		
4		for a target wellbore, determining its type;	
5		determining one or more treatment fluids selected for use in treatment of	
6	perforation tunnels; and		
7		selecting surge characteristics based on selected one or more treatment	
8	fluids and the determined type of wellbore using the stored information.		
1	36.	The method of claim 35, wherein selecting the surge characteristics	
2	comprises selecting a time delay between a perforating operation and a surge operation		
1	37.	The method of claim 35, wherein selecting the surge characteristics	
2	comprises selecting a volume of a chamber containing a low pressure to generate the		
3	surge operation	on.	